

**MARICOPA COUNTY INFLUENZA SUMMARY UPDATE**  
**WEEK 49 (12/3/06-12/9/06)**

- **Case Count: four lab-confirmed cases reported (through Week 49)**
- **Pneumonia & Influenza Mortality: 5.4% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 49)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
  - **Hospital Emergency Departments (n=9): 1.8% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=32): 15.5% of students absent due to illness**

***Lab Surveillance***

At the time of this report, four lab-confirmed cases have been reported for the 06-07 season (through Week 49). One case was identified as type A/H3N2, one case was identified as type A/H1, and two cases were identified as type B (subtype not known).

***Pneumonia & Influenza Mortality Surveillance***

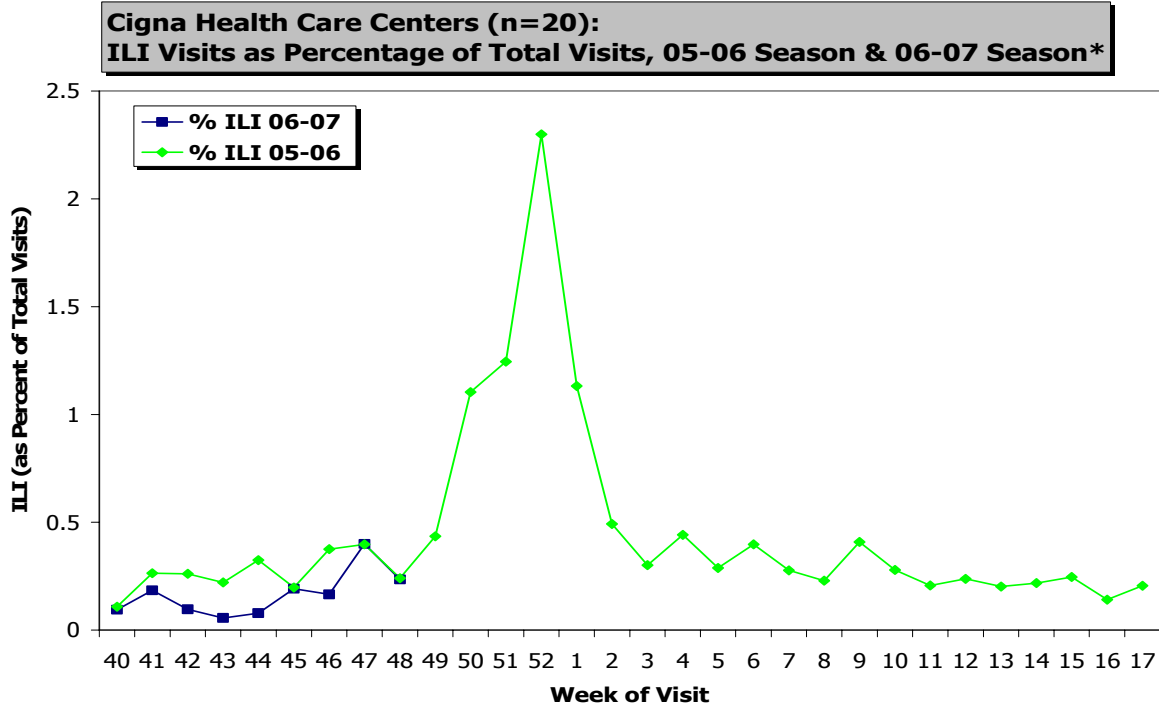
For Week 49 (12/3/06-12/9/06), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 5.9% for the City of Phoenix, 5.2% for Maricopa County less the City of Phoenix, and 5.4% for all of Maricopa County.

***Influenza-Like Illness (ILI)\* Surveillance***

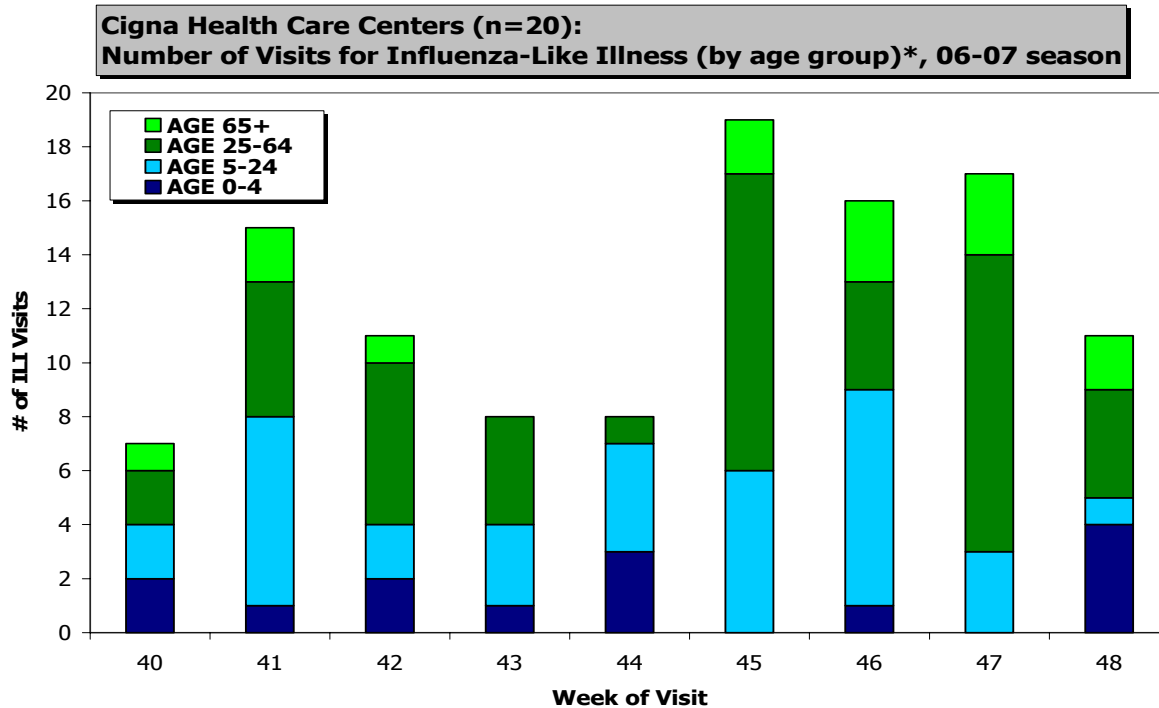
\*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

- At the time of this report, Cigna ILI data was not yet available for Week 49. Data for Week 49 will be included in subsequent reports. During Week 48, 0.23%\* of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 48 of the 05-06 season, 0.24% of patient visits to Cigna Health Care Centers were due to ILI. (\*Provisional data; may change in subsequent reports as updated information becomes available.)
- The percentage of ER visits for ILI (data from 9 hospitals) was 1.8% for Week 49.

### Influenza-Like Illness (ILI)\* Surveillance



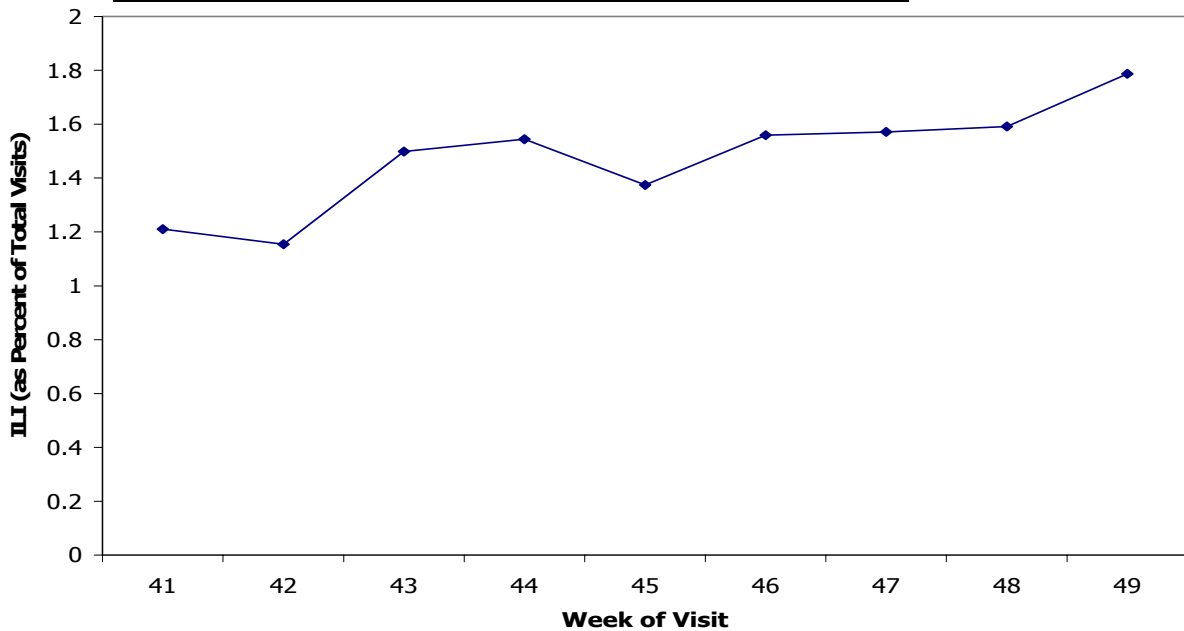
\*Data for Weeks 46-48 of the 06-07 season is provisional and may change in subsequent reports as updated information becomes available.



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### ***Influenza-Like Illness (ILI)\* Surveillance***

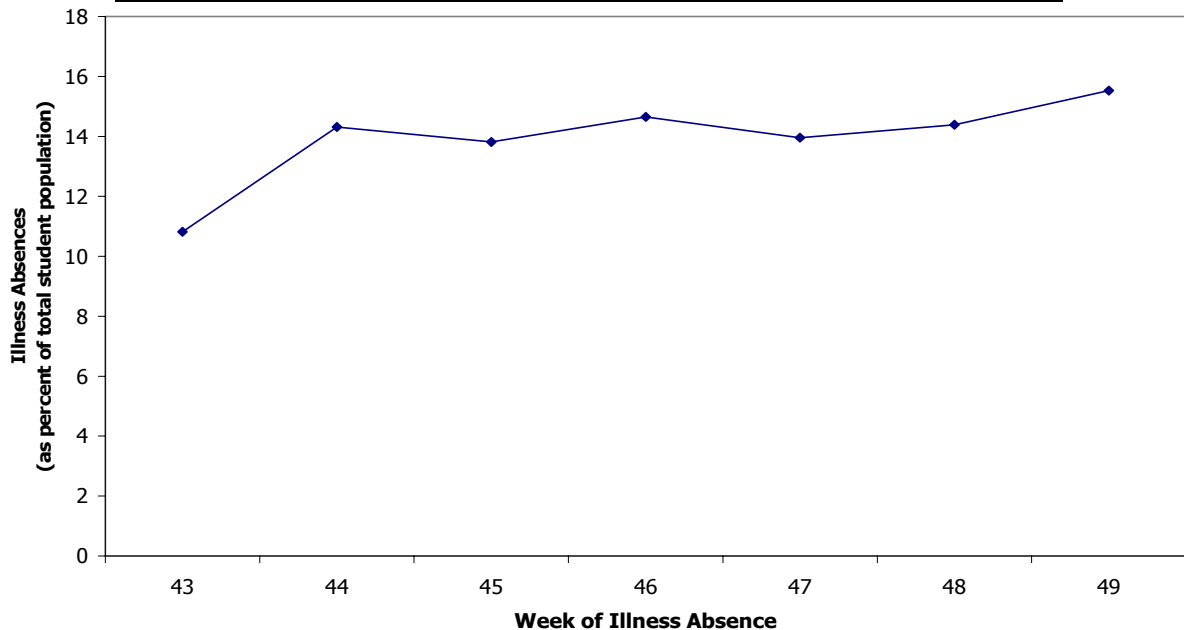
**Hospital Emergency Departments (n=9):  
ILI Visits as Percentage of Total Visits, 06-07 Season**



### ***Absenteeism (due to illness), Elementary and Jr. High Schools***

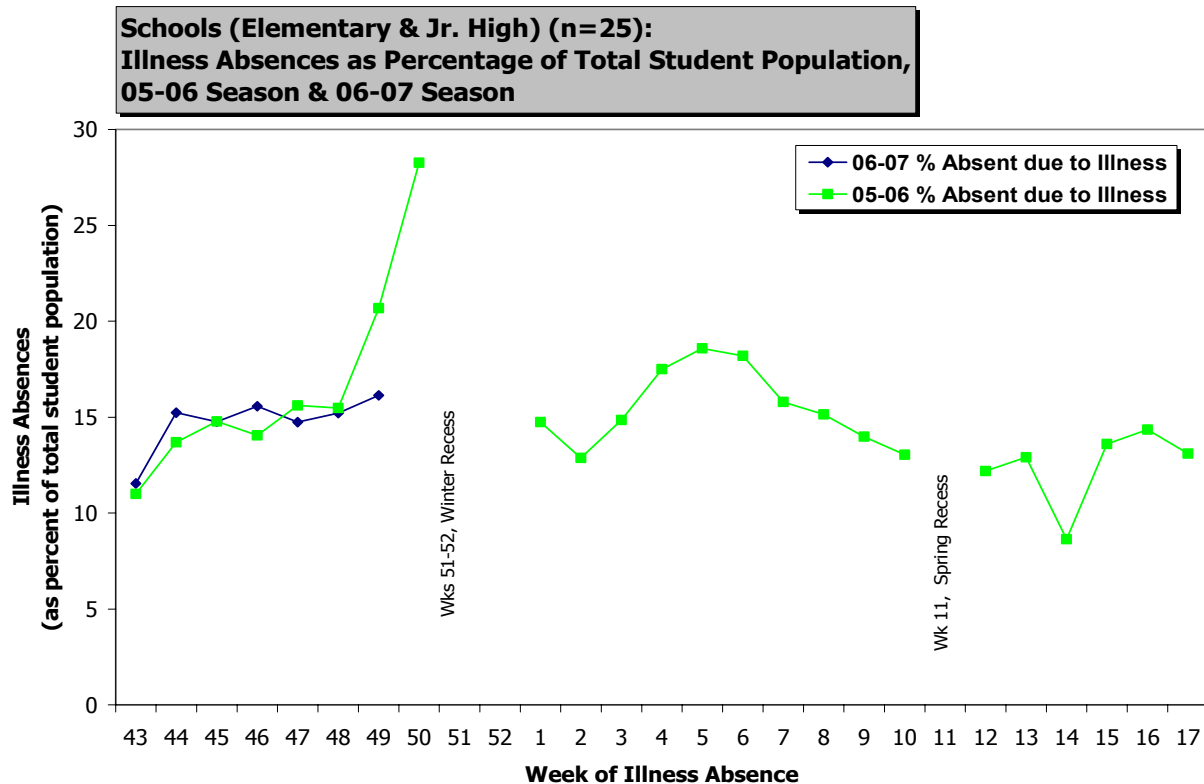
- The percentage of students absent due to illness (data from 32 schools) was 15.5% for Week 49.

**Schools (Elementary & Jr. High) (n=32):  
Illness Absences as Percentage of Total Student Population, 06-07 Season**



### ***Absenteeism (due to illness), Elementary and Jr. High Schools***

- For 25 of the 32 schools, data is available for both the 06-07 and the 05-06 season. For these schools, the percentage of students absent due to illness was 16.1% for Week 49 of this season, and 20.7% for Week 49 of the 05-06 season.



### ***Influenza Activity outside Maricopa County***

Information on influenza activity outside Maricopa County is available at these sites:

- [http://azdhs.gov/phs/oids/epi/flu/az\\_flu\\_surv.htm](http://azdhs.gov/phs/oids/epi/flu/az_flu_surv.htm) (Arizona Department of Health Services)
- <http://www.cdc.gov/flu/weekly/fluactivity.htm> (CDC)

*Due to wide variability between national- and local-level data, it is not appropriate to apply any national baselines or thresholds to the information represented in this report.*

Please email any questions about this report to: [nataliefuller@mail.maricopa.gov](mailto:nataliefuller@mail.maricopa.gov).

Report generated: 12/15/06.

## Influenza Surveillance Participants include:

### Cigna Health Care Centers

### NextCare Urgent Care Centers

### Hospital Emergency Departments & Infection Control Practitioners

- Banner Baywood Medical Center
- Banner Desert Medical Center
- Banner Good Samaritan Medical Center
- Carl T. Hayden VA Medical Center
- Del E. Webb Hospital
- John C. Lincoln Hospital - Deer Valley
- John C. Lincoln Hospital - North Mountain
- Maricopa Medical Center
- Mayo Clinic
- Mesa General Hospital
- Phoenix Indian Medical Center
- Phoenix Memorial Hospital
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- St. Joseph's Hospital & Medical Center
- St. Luke's Hospital
- Tempe St. Luke's Hospital

### Schools (listed by school district)

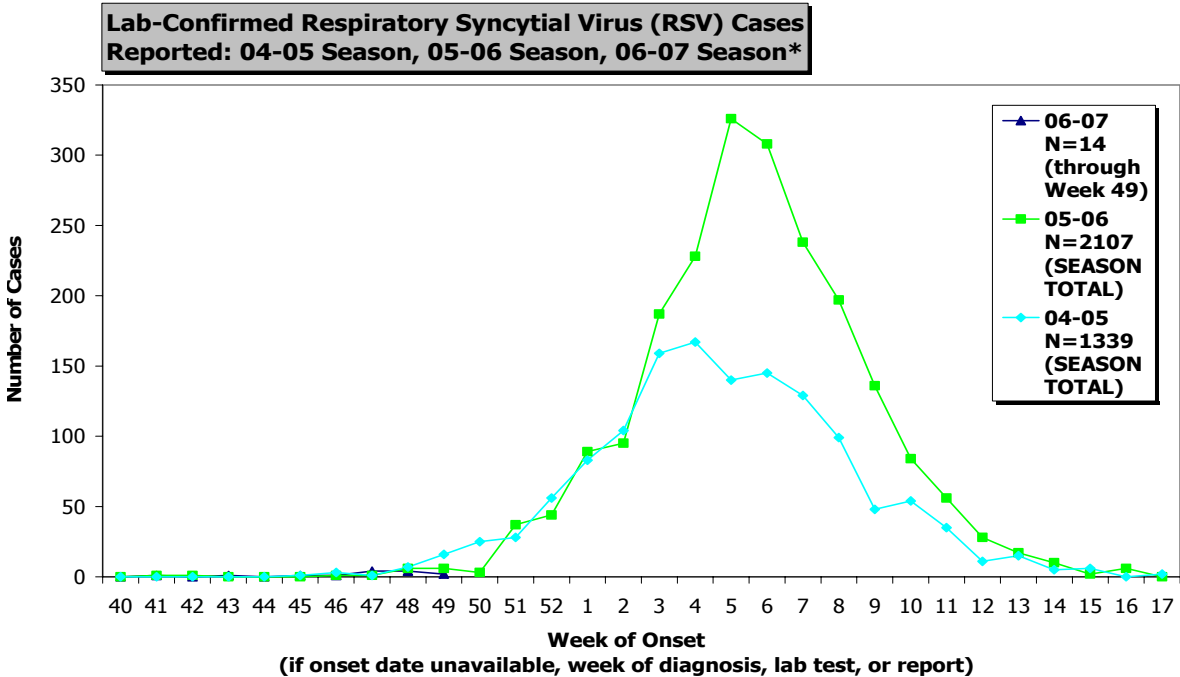
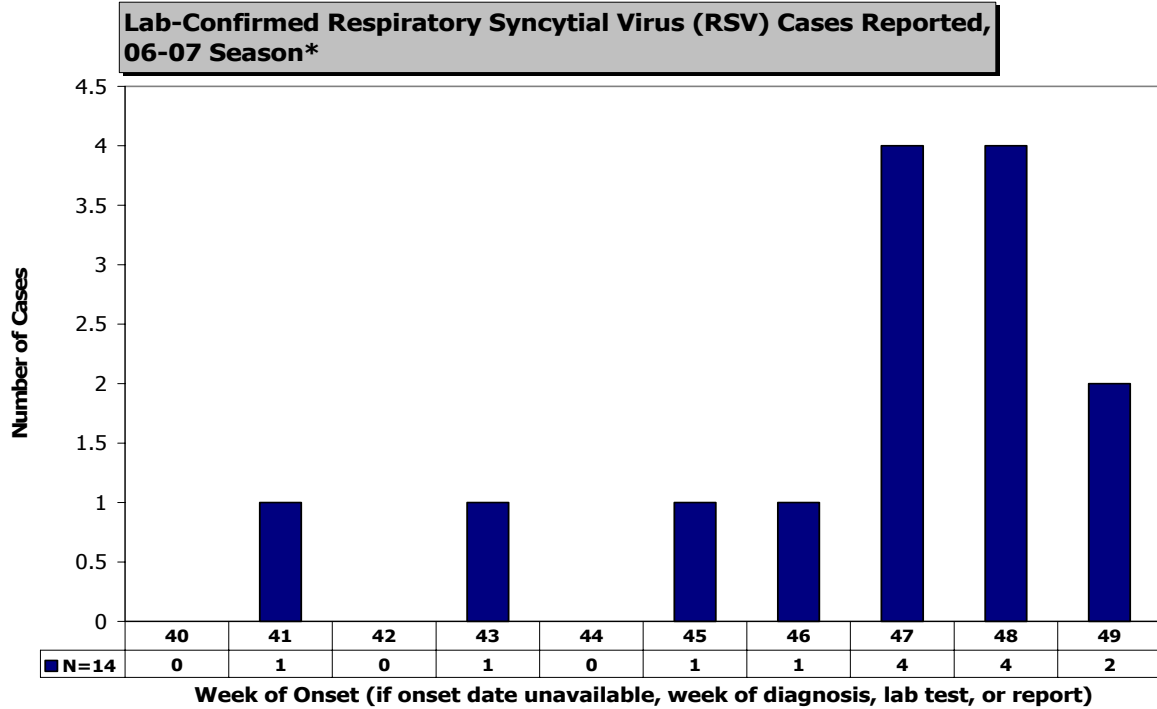
- Cartwright School District
  - Pena Elementary
- Deer Valley Unified School District
  - Legend Springs Elementary
  - New River Elementary
  - Park Meadows Elementary
  - Sunset Ridge Elementary
- Gilbert Public Schools
  - Gilbert Jr. High
  - Harris Elementary
  - Technology & Leadership Academy
- Glendale Elementary School District
  - Burton Elementary
  - Horizon Elementary
- Mesa Public Schools
  - Barbara Bush Elementary
  - Field Elementary
  - Irving Elementary
  - Lowell Elementary
  - Salk Elementary
  - Whittier Elementary
- Shepherd Jr. High
- Taylor Jr. High
- Morristown Elementary District
  - Morristown Elementary
- Paradise Valley Unified School District
  - Desert Cove Elementary
  - Desert Springs Elementary
  - North Ranch Elementary
- Tempe Elementary School District
  - Bustoz Elementary
  - Gilliland Middle
- Washington Elementary School District
  - Arroyo Elementary
  - Desert Foothills Jr. High
  - Lakeview Elementary
  - Mountain Sky Jr. High
  - Ocotillo Elementary
  - Shaw Butte Elementary
  - Sunburst Elementary
  - Sweetwater Elementary

## MARICOPA COUNTY RSV SUMMARY UPDATE

### WEEK 49 (12/3/06-12/9/06)

#### ***Respiratory Syncytial Virus (RSV) Lab Surveillance***

At the time of this report, 14 lab-confirmed cases of RSV have been reported (total through Week 49).



\*Counts for the most recent weeks of the 06-07 season may increase as additional cases are reported.